

ABSTRACT

An object of the present invention is to achieve a receiver and a transmitter-receiver, such as a mobile telephone unit and a transceiver, that are capable of controlling a supplied power to the receiving unit including a variable gain amplifier with high precision. To accomplish the foregoing object, a receiver employs a configuration including, for example, a receiving unit (3), a gain control signal-generating unit (21) that designates a gain value of variable gain amplifiers (4a, 8a) in the receiving unit (3), a control unit (12), and a memory (13). The memory stores supplied power values to the receiving unit that are associated with gain values, and the control unit controls an electric power to be supplied to the receiving unit by referencing the supplied power values stored in the memory based on a gain value designated by a gain control signal (S5).